

Title (en)  
Remote monitoring through the BRG

Title (de)  
Fern-Überwachung durch BRG

Title (fr)  
Surveillance à distance utilisant une passerelle résidentielle à large bande

Publication  
**EP 1115264 A2 20010711 (EN)**

Application  
**EP 00128201 A 20001222**

Priority  
US 47566699 A 19991230

Abstract (en)  
The present invention provides for customer premises remote monitoring for use in a powerful, facilities-based, broadband communications system that guarantees voice, data and video communication reliability and security to users for an multimedia system including integrated telephone, television and data network. The remote monitoring service enables, for example, the environment of the system subscriber's customer premises of to be monitored from a remote location by those authorized by the subscriber. Further, customer premises equipment usage may be monitored. The customer premises equipment, such as a broadband residential gateway (BRG) may be equipped with a microphone(s) and camera(s) (possibly including a speaker(s)) and the system, for example, the BRG and IP Central Station may be configured to allow active monitoring of a the customer premises from a remote location. Rather than including a microphone and camera (with or without a speaker(s)) for the BRG, the remote monitoring feature may be constructed to operate on a multimedia personal computer (PC) connected to the BRG. The remote monitoring may be performed even if one of the users telephones is off the hook by configuring the customer premise equipment to work independent of telephone status. The remote monitoring information may be seen and heard in real time or saved to memory. As such, the system may also be configured to store all the video and/or audio during a monitoring period on a storage device at the subscriber's residence (e.g., VCR, digital disk, etc.), in a storage system at IP Central Station, or at any third party location such as a security service. The remote monitoring feature may be configured with emergency remote monitoring capability so that in response to someone at the customer premises dialing 911 the police, fire department, or any other designated party or telephone number, the system may automatically provided monitoring capabilities to emergency personnel. The system may be configured with a remote monitoring lockout feature for user privacy. Further, the emergency remote monitoring (e.g., 911) feature may be configured to automatically override an active lockout so that emergency personnel can monitor the premises in response to an emergency call. The remote monitoring feature may be used to notify a subscriber that a telephone is off-ho <IMAGE>

IPC 1-7  
**H04Q 11/04**

IPC 8 full level  
**H04Q 11/04** (2006.01); **H04L 12/56** (2006.01); **H04L 12/70** (2013.01)

CPC (source: EP)  
**H04Q 11/0478** (2013.01); **H04L 2012/5626** (2013.01)

Cited by  
US7463145B2; US8081073B2; US8155105B2; US8714449B2; US7103159B2; US9679455B2; US9952103B2; WO2007000021A1; US11076507B2; US11503744B2; US7835343B1; US8471903B2; US8817095B2; WO2008024338A3; WO03059455A3

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1115264 A2 20010711**; CA 2326278 A1 20010630; CA 2326278 C 20080603; MX PA00012899 A 20020523

DOCDB simple family (application)  
**EP 00128201 A 20001222**; CA 2326278 A 20001120; MX PA00012899 A 20001220